



### Reception Science progression document

(Working Scientifically) Characteristics of learning/Creative and thinking critically:						
<b><u>Early Years (Nursery and Reception):</u></b> <ul style="list-style-type: none"> <li>•show curiosity and ask questions</li> <li>•make observations using their senses and simple equipment</li> <li>•make direct comparisons</li> <li>•use equipment to measure</li> <li>•record their observations by drawing, taking photographs, using sorting rings or boxes and, in Reception, on simple tick sheets</li> <li>•use their observations to help them to answer their questions</li> <li>•talk about what they are doing and have found out</li> <li>•identify, sort and group.</li> </ul>						
<p style="text-align: center;"><u>Working Scientifically Vocabulary:</u></p> <p style="text-align: center;">             What can you see?      What does it sound like?      What does it smell like?              What does it taste like?      What does it feel like?      What does it do?      What is happening?              How did it happen?      What have we found out?      What will happen if....?           </p>						
Reception	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2

	<p><b><u>Seasonal change: (Autumn)</u></b> Explore the natural world around them.</p> <p>Understand the effect of the natural world around them.</p> <p>Describe what they see, hear and feel whilst outside.</p>	<p><b><u>Seasonal change: (Winter)</u></b> Explore the natural world around them.</p> <p>Understand the effect of the natural world around them.</p> <p>Describe what they see, hear and feel whilst outside.</p> <p><b><u>Plants and animals:</u></b> ELG - Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read.</p>	<p><b><u>Natural world:</u></b> ELG - Understand some important processes and changes in the natural world around them, including changing states of matter.</p>	<p><b><u>Seasonal change: (Spring)</u></b> Explore the natural world around them.</p> <p>Understand the effect of the natural world around them.</p> <p>Describe what they see, hear and feel whilst outside.</p> <p><b><u>Plants and animals</u></b> ELG – Explore the natural world around them, making observations and drawing pictures of animals and plants.</p>	<p><b><u>Plants and animals:</u></b> ELG - Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read.</p>	<p><b><u>Seasonal change: (Summer)</u></b> ELG- Explore the natural world around them, making observations and drawing pictures of animals and plants.</p> <p>ELG – Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>Understand the effect of the natural world around them.</p> <p>Describe what they see, hear and feel whilst outside.</p>
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	Seasons Autumn Signs of Autumn Changes Weather Temperature Sunshine Rain Windy Cloudy Warmer/cooler Environment Senses (see, hear, touch, smell, taste)	Seasons Winter Signs of Winter Changes Weather Temperature Frost Sleet Snow Rain Windy Cloudy Senses (see, hear, touch, smell, taste)  Similar Different Environment	Environment Changes Similar Different	Seasons Spring Signs of Spring Changes New life Temperature Weather changes Sunshine Rain Windy Senses (see, hear, touch, smell, taste)  Seed Plant Grow Care Water Soil Sunlight	Environment Similar Different Compare Contrast	Seasons Summer Signs of Summer Changes Temperature Weather changes Sunshine Senses (see, hear, touch, smell, taste)
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